

BARBER, C.

RUMANIA/Microbiology - Microbes Pathogenic for Man and Animals. F
Bacteria. Mycobacteria.

Abs Jour : Ref Zhur Biol., No 22, 1958, 99494

Author : Ionescu-Mihaiesti, C., Dimboviceanu, Aristia-Soru, E.,
Barber, C., Radulesku, E., Gancevici, G., Sternberg, M.

Inst : Rumanian Academy

Title : Complete Antigen of the Glucido-lipido-nucleopolipptide
Type Extracted from Tubercle Bacilli of the Human Type
H₃₇RV.

Orig Pub : Commun. Acad. RPR, 1956, 6, No 10, 1245-1250

Abstract : The authors obtained a complex of the glucido-lipido-
nucleopolipeptide type by subjecting defatted microbe
cells to the action of a borate buffer (pH 8.2). The

RUMANIA/Microbiology - Microbes Pathogenic for Man and Animals. F
Bacteria. Mycobacteria.

Abs Jour : Ref Zhur Biol., No 22, 1958, 99494

of reducing sugars and 9.74% of lipids. Following acid hydrolysis of this complex, 13 amino acids were detected with the aid of chromatography, among them 34.2% of alanine, 18.5% of glutamic acid, 10.24% of aspariginic acid, and 8.37% of cysteine; besides that, 5 reducing sugars were found (16.5% of arabinose, 10% of galactose, 5.11% of mannose, 3.31% of ribose and 2.8% of glucose). The complex is split with the aid of electrophoresis into 4 fractions; they may be identified by the rate of migration with the following serum proteins: delta-globulin (8%), gamma-globulin (67%), beta-globulin (10%), and albumin (15%). The obtained complex possesses the properties of a complete antigen. Injected into rabbits, it causes the appearance in the serum of precipitins reacting with tuberculo-protein in dilutions of up to 1:6,250-1:12,500, and with the complete antigen in

Card 2/3

- 99 -

RUMANIA/Microbiology - Microbes Pathogenic for Man and Animals. F
Bacteria. Mycobacteria.

Abs Jour : Ref Zhur Biol., No 22, 1958, 99494

dilutions of 1:1,600-1:3,200. -- L.M. Model'

Card 3/3

IOJESCU-MIHAIESTI, C., Academician; DIMBOVICEANU, Aristeia; SORU, Eugenia;
BARBER, Cela; RADULESCU, Elena; DUMITRESCU, Maria; WISNER, B.

Studies of murine tuberculosis bacillus (*Mycobacterium muris*;
vole bacillus Wells). Bul. stiint. sect. med. 8 no.1:199-
218 Jan-Mar 56.

(MYCOBACTERIUM

vole bacillus, growth & changes of composition in
Sauton medium)

AM/MIA/Microbiology. Hemagglutinating Bacteria 2-5

ADS Jour : Ref Zhur - Biol., No 14, 1958, No 62325

Author : Bonciu G., Soare I., Barber C., Petrovici M.

Inst : -

Title : About the Causes Which Produce Changes in the In-
tracutaneous Reaction to the Allergen Bact.
Tubercula in Guinea Pigs Sensitized with Living
Pertussis Bacteria.

Orig Pub : Microbiol., parazitol. si epidemiol., 1957, 2,
No 3, 234-237

Abstract : No abstract

Card : 1/1

IONESCU-MIHAESTI, C.; DIMBOVICEANU, Aristia; SOMU, Eugenia; RADULESCU, Elena;
BARBER, Cella; GANCEVICI, (.; OPRESCU, C.G.; FLECHNER, I.; STERNBERG, M.

Chemical and antigenic properties of protein fractions isolated from
filtrates of cultures of tubercle bacilli of the human type H₃₇v in
Sauton's medium. Stud. cercet. inframicrobiol., Bucur. 8 no.1:85-94 1957.

(MYCOBACTERIUM TUBERCULOSIS, culture

human type H₃₇v bact. cultured in Sauton medium, chem. &
antigenic properties of protein fractions)

(ANTIGENS

antigenic properties of protein fractions of M. tuberc.,
type H₃₇v, cultured in Sauton's medium)

(PROTEINS ³⁷

protein fractions of M. tuberc., type H₃₇v, culture in
Sauton's medium, chem. & antigenic properties)

BARBER, Cella; STAMATESCO, Sylvia; WISNES, B.

Research on the capsular and somatic antigens of *Klebsiella* (Friedlander's bacillus). J. Hyg. Epidem., Praha 2 no.1:57-62 1958.

1. Institut de Microbiologie, Parasitologie et Epidemiologie. G. I. Cantacuzino 103, Splaiul Independentei, Bucarest, Roumania.

(*KLEBSIELLA PNEUMONIAE*, immunology
capsular & somatic antigens, isolation & analysis (Fr))

BARBER, Cella; STAMATESCU-EUSTATZIU, Silvia; TULPAN, Gertrude; PETROVICI, A.

Studies on the specific (somatic) polysaccharides of Klebsiella.
J.hyg.epidem., Praha 4 no.3:379-383 '60.

1. Cantacuzino Institute, Divison of General Biochemistry, Bucarest.
(KLEBSIELLA metab.)
(POLYSACCHARIDES metab.)

BARBER, C.; SOARE, I.; WEINDACH, R.

Note on a hemosensitizing antigen isolated from Bordetella pertussis.
Rev. sci. med. 6 no.1/2:7-12 '61.

(BORDETELLA PERTUSSIS immunology)

BARBER, Celia; EUSTATZIOU, Silvia; ANDREICA, Angela, collaborateur technique

A contribution to the study of the biology of Klebsiella. III. Chemical and immunological study of polysaccharides isolated from 2 capsulated strains and their noncapsulated mutants. Arch. Roum. path. exp. microbiol. 20 no.1:103-113 Mr '61.

1. Travail de l'Institut "Dr. I. Cantacuzino" - Service de Biochimie Generale.

(KLEBSIELLA chem) (POLYSACCHARIDES chem)

BARBER, Colla; SOARE, Irina

Separation of a polymer containing γ -aminobutyric acid from
Bordetella pertussis. Arch. Roum. path. exp. microbiol. 20 no.3:
511-515 S '61.

1. Travail de l'Institut "Dr. I. Cantacuzino" Service de Biochimie
Generale.

(AMINO ACIDS) (BORDETELLA PERTUSSIS)

BARBER, Cella

The veronal buffer as a medium for extraction of bacterial antigens.
Laboratory note. Arch. Roum. path. exp. microbiol. 20 no.3:541-543
S '61.

1. Travail de l'Institut "Dr. I. Cantacuzino" Service de Biochimie
generale.
(ANTIGENS chemistry) (BACTERIA immunology) (BARBITURATES)

BARBER, Cella; BALDOVIN-AGAPI, Coralia; BELOIU, Irina; PLECEAS, Paula

Contribution to the study of the antigenic structure of non-hemolytic streptococci. III. The antigens of the group "D" streptococci (enterococci). Arch. roum. path. exp. microbiol. 21 no.1:115-129 Mr '62.

1. Travail de l'Institut "Dr. I. Cantacuzino" -- Services de Biochemie et des Cocci pathogenes.

(STREPTOCOCCUS) (ANTIGENS)

BARBER, Cella; BALDOVIN-AGAPI, Coralia; BELIOU, Irina

The teichoic acids of the Lancefield group D streptococci. Arch.
roum. path. exp. microbiol. 23 no.3:563-568 S'63

1. Travail del'Institut "Dr. I.Cantacuzino"; Services de Bio-
chimie generale et des Cocci pathogenes, Bucarest.

SOARE, Irina; BARBER, Cella; DUMITRESCO, M.

Contribution to the problem of improvement in the diagnosis of
whooping cough. Arch. roum. path. exp. microbiol. 23 no.3:
597-602 S'63

1. Travail de l'Institut "Dr. I. Cantacuzino"; Services de
Pertussis et de Biochimie generale, Bucarest.

SOARE, Irina; BAKHO, Iella; DOMITRESCO, M.

soluble fraction of *Bordetella pertussis* isolated with sodium desoxycholate. Arch. Roum. path. exp. microbiol. 23 no.4:839-844 D '64.

J. Travail de l'Institut "Dr. I. Cantacuzino", Services de la B. pertussis et de Biochimie Generale. Submitted April 3, 1964.

EXCERPTA MEDICA Sec 4 Vol 12/3 Med. Micro. Mar 59

910. A NEW METHOD FOR SEPARATION OF CAPSULAR MATERIAL FROM THE SOMATIC POLYSACCHARIDE OF A STRAIN OF KLEBSIELLA PNEUMONIAE - Nouvelle méthode de séparation du matériel capsulaire et du polyside somatique d'une souche de 'Klebsiella pneumoniae' - Barber G., Wisner B. and Ciucă M. - ARCH. ROUM. PATH. EXP. MICROBIOL. 1957, 16/1 (150-152)

The capsular material was isolated by extraction with 90% phenol (method of Partridge and Morgan). The soluble complex obtained represented 10% of the dry weight of the bacteria. After elimination of the capsular material, extraction in buffered phosphate solution gave the somatic polysaccharide in a state of high polymerization; paper chromatography revealed the presence of glucose, galactose, fucose, xylose, and glucuronic and galacturonic acids.

Sechter - Iasi

BARBER, I. I., Engr. Cand. Tech. Sci.

Dissertation: "Car Roller Axle-Box and Theoretical Analysis of Stresses Created by it in the Axle of a Wheel Pair." Moscow Order of the Labor Red Banner Electronichemical Inst of Railroad Engineers imeni F. E. Dzerzhinskiy, 18 Jun 47.

SO: Vechernyaya Moskva, Jun, 1947 (Project #17836)

BARBER, I.I., kandidat tekhnicheskikh nauk

A floor-type tilter-manipulator. Vest.mash.35 no.7:68-69
Jl'55. (MLRA8:10)

(Foundry machinery and supplies)

Barber, I. I.

AID P - 4320

Subject : USSR/Engineering

Card 1/1 Pub. 128 - 20/26

Author : Barber, I. I., Kand. Tech. Sci.

Title : Bench for scale removal from rolling stock axles

Periodical : Vest. mash., #3, p. 69, Mr 1956

Abstract : Scale removal from axles is accomplished by mechanical hammering off on a specially designed bench.

Institution : Lublin Foundry-Mechanical Works im. L. M. Kaganovich

Submitted : No date

ZLOBINSKIY, B.M., ~~BARBER, I.I.~~, RAZUMOVA, P.I., POZDNYSHCHEV, V.M., KHUTORSKAYA,
Ye.S., red.izd-va., ISLENT'YEVA, P.G., tekhn.red.

[Laboratory work for the course "Fundamentals of safety engineering."]
Laboratornyye raboty po kursu "Osnovy tekhniki bezopasnosti." Moskva,
Gos. nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii,
1958. 57 p. (MIRA 11:9)
(Industrial safety)

BARBER, I.I.

Vibration-impact mechanism for driving and extracting wedges.
Kuz.-shtam. proizv. 2 no.8:34-37 Ag '60. (MIRA 14:2)
(Forging machinery)

ZLOBINSKIY, B.M., kand.tekhn.nauk, dotsent; BARBER, I.I., kand.tekhn.nauk,
dotsent; RASUMOVA, P.I. kand.tekhn.nauk; MANUYEV, N.V., inzh.

Safety measures in founding and working titanium alloys. Bezop.truda
v prom. 4 no.6:20-21 Je '60. (MIRA 14:3)

1. Moskovskiy institut stali.
(Titanium alloys)

ZLOBINSKIY, B.M.; BARBER, I.I.; HAZIMOVA, P.I.; MANUYEV, N.V.;
LIEBMAN, S.S.; Red. izd-va; GINZBURG, R.Ya., tekhn. red.

[Principles of safety engineering; laboratory work] Osnovy
tekhniki bezopasnosti; laboratornye raboty. Izd. 2., perer.
i dop. Moskva, Metallurgizdat, 1963. 92 p.

(MIRA 16:12)

(Industrial safety)

VASILESCU, C.A.; BARBESCU, B.

Modifications imposed by the octane number upon the system of centrifugal control of the advance in the ignition with electric spark. Studii cerc energet B 12 no.2:261-272 '62.

BARB1, Erik

Ikarus truck without wings. Auto motor 14 no. 9:24 My '61.

BARBIC, J.

"Oxidation of Insulation Varnishes," p. 211.
(Elektrotechnický Obzor, Vol.42, No.4, Apr. 1953, Praha.)

SO: Monthly List of East European Accessions, Vol.2, No.9, Library of Congress, September
1953, Uncl.

~~LILIANA~~ BARBICI, L.

21 2

A photoelastic study of Seignette crystals cut parallel to the crystallographic axis. LILIANA BARBICI. *Bul. inst. politehnic Bucuresti* 19, 85-8 (1957). Large crystals of Seignette salt were prepd. by a slow evapn. at 19° of a supersatd. soln. of the salt seeded with small crystallites. The resulting crystals were slowly cut (1 cm. per 1.5 hrs.) parallel to the crystallographic axis by means of a hair or silk thread or a thin, sharp blade constantly wetted with distd. H₂O. In linearly or circularly polarized white light, the crystals exhibited only natural birefringence. Crystals subjected to external stresses, up to their breaking limit, did not show anything. Neg. results were obtained also with monochromatic Na light. Uncut crystals exhibited a series of extinction lines parallel to the crystallographic axis, both in linearly and circularly polarized light. These lines were not modified by external stresses. It is concluded that the photoelastic const. is very small.

S. Alexander Stern

7/1/78

9/12

Z/023/60/000/004/002/004
A224/A026

AUTHOR: Barbier, Daniel

TITLE: The Red Oxygen Line in the Nocturnal Light of the Sky

PERIODICAL: Studia Geophysica et Geodaetica, 1960, No. 4, pp. 350 - 360

TEXT: The paper, written in the French language, discusses the results of observations on the behavior of the 6,300 Å red oxygen lines in the nocturnal light of the sky. It was read at the Conference on the Participation of Czechoslovakia in the IGY 1957 - 1959, which was convened at Libice in 1960. The discussion is based on observations collected at l'Observatoire de Haute Provence (Observatory of Haute Provence), latitude 43°56'N, and at La Station de Tamanrasset (Station at Tamanrasset), latitude 22°47'N, in the Sahara. Based on these observations, the author concludes that the emission of the red oxygen line is caused by the following four phenomena: 1) Polar aurora; 2) corpuscular radiation; 3) electronic radiative recombination; and 4) an unknown phenomenon which effects the increase of the emission towards the night end. The paper was reviewed by F. Link. There are 9 figures and 20 references: 12 English and 8 French.

Card 1/2

The Red Oxygen Line in the Nocturnal Light of the Sky

Z/023/60/000/004/002/004
A224/A026

ASSOCIATION: Institut d'Astrophysique, Paris XIV, 98bis Boulevard Arago (Institute of Astrophysics, Paris XIV, 98bis Boulevard Arago)

SUBMITTED: March 28, 1960

Card 2/2

BARBIER, M.; LEDERER, E.

Benzoquinones in the venom of three Myriapoda species [in French with summary in Russian]. Biokhimiia 22 no.1/2:236-240 Ja-F '57.
(MLRA 10:7)

1. Institut fiziko-khimicheskoy biologii, Parizh, Frantsiya.
(QUINONES, determination,
benzoquinone in venom of Myriapoda (Fr))
(CENTIPEDES AND MILLIPEDES
same)

STOENESCU, I.; SAHLEANU, V.; BARBILIAN, C.

A case of hypophysial epithelioma with acromegaly. Stud. cercet.
endocr. 16 no.1:67-69 '65.

BARBILIAN, D.

Barbilian, D. Bemerkung über das "Theorema egregium." Ann. Math. Phys. Ec. Polytech. Bucarest 10 (1938-39), 42-46 (1940).

Let (x, z) denote the absolute quadratic canonical form (in the sense of Cayley) of the hyperbolic space $\mathbb{H}$. In what follows the homogeneous coordinates x_0, x_1, x_2, x_3 of any point in $\mathbb{H}$ are assumed to be normalized by the condition $(x, z) = -k^2$, where $-1/k^2$ represents the Gaussian curvature of the space; consequently for a vector dx , we have $ds^2 = \|dx\|^2 = (dx, dx)$. On a surface $\mathcal{S}$ in $\mathbb{H}$ defined parametrically by $x_j = x_j(u, v)$, $j=0, 1, 2, 3$, ds^2 is a quadratic form $Edu^2 + 2Fdudv + Gdv^2$ expressible as a product of (complex) Pfaffians $\omega = Adu + Bdv$, $\pi = Cdu + Ddv$, the general form of the factors being $e^{\alpha} \omega$ and $e^{\beta} \pi$ ($P = P(u, v)$). An expression in A, B, C, D and their derivatives with respect

to u and v is produced, the value K of which is invariant through every change of both parameter and factorization of ds^2 ; in case $ds^2 = 2Fdudv$ (isotropic parametrization), $K = -(\log F)_{uv}/F$. If y denotes the absolute pole of the tangent plane in x to $\mathcal{S}$, the coordinates being normalized by $(y, y) = k^2$, the second fundamental form $Ldu^2 + 2Mdudv + Ndv^2$ is defined as $(y, dx) = -(dy, dx)$. The invariant $k^{-2}(LN - M^2)/(EG - F^2) = Q$ is proved to be equal to $-(\log F)_{uv}/F + 1/k^2$. Finally $K = Q - 1/k^2$, which expresses the theorem egregium in the hyperbolic case.

C. Y. PAUC (Cape Town).

Source: Mathematical Reviews,

Vol 10 No. 7

BARBILIAN, D.

2

Barbilian, D. Topologisches Kennzeichnen der vollständig
reduziblen bzw. irreduziblen reellen Algebren. Acad.
Roum. Bull. Sect. Sci. 26, 363-376 (1946).

In two previous papers [Iber. Deutsch. Math. Verein.
50, 179-229 (1940); 51, 34-76 (1941); these Rev. 2, 259;
3, 179], the author studied the projective space R_{n-1} defined
with regard to an arbitrary ring O . In the present paper, he
considers the case that O is an algebra with a 1-element over
the field of real numbers. It is shown that R_{n-1} is compact if
and only if O is semisimple.

R. Brauer.

Source: Mathematical Reviews,

Vol 10, No. 1

BARBILIAN, D.

[Handwritten scribbles and marks]

USSR

✓ Barbilian, D. Sur les groupes sans torsion de A. I. Malcev.
 Acad. Rep. b. Pop. Române. Stud. Cerc. Mat. 3, 475-497
 (1952). (Romanian. Russian and French summaries)
 The author searches for conditions under which the
 periodic elements of a group form a subgroup. This is known
 to be the case in all groups with the property that every
 proper subgroup is distinct from its normaliser, in particular,
 in all nilpotent and even locally nilpotent groups. [See,
 e.g., Kuroš, Teoriya grupp, 2nd ed., Gostehizdat, Moscow,
 1953, p. 414; these Rev. 15, 501.] As far as the reviewer has
 been able to ascertain, the two theorems of the present note
 refer to special cases of the above mentioned general result.
 K. A. Hirsch (Boulder, Colo.)

1-3/8

L

[Handwritten signature]

BARBILIAN, D.

~~Barbilian, D.~~ Normalités localement ou intégralement involutives. Acad. Repub. Pop. Române, Stud. Cerc. Mat. 4, 29-67 (1953). (Romanian. Russian and French summaries)

The paper concerns generalizations of the Jordan-Hölder ("Schreier-Kurosh-Zassenhaus") theorem, based on "normality" conditions generalizing those of Uzlov [Mat. Sbornik N.S. 4(46), 31-43 (1938)] and Kolínek [Věstník Královské České Společnosti Nauk. Třída Matemat.-Přirodověd. 1941, no. 14 (1942); these Rev. 7, 509; 13, 1138]. Various applications are given to transfinite chains, similar to those given by Kurosh [Mat. Sbornik N.S. 16(58), 59-72 (1945); these Rev. 8, 253].

G. Birkhoff.

6
KARLILIN, B.

Karilina, B. - Karl Friedrich Gauss; 100 years since his death. p.177

SO: Monthly List of East European Accessions List, (MIL) 1st, Vol II, No. 11
November 1955, Incl.

BARBILIAN, D.

BARBILIAN, D.

BARBILIAN, D. Teoria aritmetica a idealelor (in: ineluzcomutative).
"Inceputul" editura Academiei Republicii Populare Romane, 1954. 30 p.
"Arithmetic theory of ideals in noncommutative fields. Bibli."
RPS Not in DDC

So: East European accession, Vol. 3, No. 3, May 1957

BARBILIAN, D.

The Finsler J-natural geometries. Studii cerc mat 11 no.1:7-47 '60.
(EEAI 10:9)

(Geometry) (Spaces, Generalized) (Functions)

RUMANIA

AUGUSTIN, A.I., Colonel, Medical Corps, Physician Emeritus; GRIGORESCU, C., Colonel, Medical Corps; GIURGIU, T., Lieutenant-Colonel, Medical Veterinary Corps; SINGER, D., Lieutenant-Colonel, Medical Corps; BARBILIAN, Gh., Lieutenant-Colonel, Medical Corps; MARINESCU, I., Major, Medical Corps; and SAFTA, T., Major, Medical Corps.

"Experimental Study of the Process of Wound Healing of Vesical Lesions in Irradiated Animals"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 459-460

Abstract: Cystotomy in rabbits irradiated 6 or 12 hours pre-operatively revealed that wounds were much slower and less apt to heal properly than in non-irradiated controls. 3 photomicrographs.

1/1

- 85 -

BARBIN, G.

BASKAKOV, P., (g. Gor'kiy); ABRAMIAN, S.; MUHACHEV, I., predsedatel' soveta radiokluba; KOCHEGAROV, N., nachal'nik radiokluba; LATKIN, V., predsedatel' soveta radiokluba; SHISHUKOV, P., rukovoditel' konstruktorskoj sekcii kluba; BARBIN, G., chlen radiokluba; BUDANTSOV, V., predsedatel' soveta radiokluba; GODUNOV, P., nachal'nik radiokluba; TEVELEV.

Provide parts for radio amateurs. Radio no.12:14-17 D '53. (MLRA 6:12)

1. Nachal'nik radiokluba Vsesoyuznogo dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu (for Baskakov). 2. Nachal'nik Vil'nyus-
skogo radiokluba Vsesoyuznogo dobrovol'nogo obshchestva sodeystviya
armii, aviatsii i flotu (for Tevelev).

(Radio--Apparatus and supplies)

YESIN, O.A.; VATOLIN, N.A.; BARBIN, I.P., akademik.

Studying the properties of liquid iron-chromium alloys by the method of
electromotive forces. Izv.AN SSSR. Otd.tekh.nauk no.8:1137-1142 Ag '53.
(MLRA 6:8)

(Iron-chromium alloys)

SOV/149-58-6-4/19

AUTHORS: Kakovskiy, I.A. and Barbin, M.B.
TITLE: Study of the Suppressive Action of the Cyanide Ion
(Izucheniye podavlyayushchego deystviya tsianistogo iona)
PERIODICAL: Izvestiya Vysshikh Uchebnykh Zavedeniy, Tsvetnaya
Metallurgiya, 1958, Nr 6, pp 31 - 42 (USSR)
ABSTRACT: Kakovskiy has previously examined (Ref 1) the suppressive
action of the cyanide ion. Later work showed that the
effect is more complicated than supposed and the present
work is the first of a series on its detailed investi-
gation. For this, the suppression of artificially prepared
silver sulphide and metallic silver was studied, the use of
these materials eliminating many complications. The
authors give improved values of equilibrium constants
for the solution of silver xanthates in cyanide solutions
and suggest that there may be little difference between
these and values for reactions on the surface (Refs 1,
2,3). They discuss the use of equilibrium constants in
estimating flotation characteristics and go on to describe
their experiments. In these mechanical mixtures 1
part of silver sulphide or metallic silver with 99 parts

Card1/4

SOV/149-58-6-4/19

Study of the Suppressive Action of the Cyanide Ion

of quartz were used, all components being $-105 + 74 \mu$ in size and carefully washed. The flotation of this material was carried out in a 75 ml. Mintsvetmetzoloto machine without metal parts into which a solution containing silver-cyanide complex was introduced. Repeated flotation was carried out with fresh portions of xanthate. Various frothing agents (alcohols) were tested and comparative tests were carried out in laboratory machines of other types. It was found (Figure 1) that the transition from suppression to intensive flotation occurred at the same "critical" concentration of xanthate for all the machines used. For further tests a Gallimond (Hallimond) tube was used, with a volume of 100 ml., a charge weight of 0.25 - 0.5 g ($-147 + 105 \mu$) mineral/reagent contact time of 20 minutes, and the passage of 50 ml. of air during flotation. Two methods of operation were used but they gave similar results. Figures 2-4 show the results of several series of experiments; they give the recovery (%) as a function of the logarithm of $C_4H_9OCSS^-$ concentration.

Card2/4 Figure 5 shows the logarithm of the critical xanthate

SOV/149-58-6-4/19

Study of the Suppressive Action of the Cyanide Ion

concentration as functions of the logarithms of cyanide-ion concentrations for various conditions: equilibrium constants calculated from these straight lines agreed well with those found in studies of chemical equilibria.

Figure 6 shows recoveries as functions of logarithms of xanthate concentration for various xanthates at a constant cyanide-complex concentration. A further series of tests was carried out with both cyanide-complex and xanthate concentrations constant, but with variation in potassium-cyanide concentration (Figure 7). Other tests were made with 0.25 and 5 g of metallic silver and octyl xanthate: the change in the amount of silver had little effect on the critical xanthate concentration.

The work showed that in the suppression of silver-compound flotation the critical xanthate concentration varies as the square of the cyanide concentration; the silver cyanide complex is a flotation activator and the critical xanthate concentration is inversely proportional to its concentration; with increasing length of the hydrocarbon chain of the collecting agent the critical concentration required for

Card3/4

SOV/149-58-6-4/19

Study of the Suppressive Action of the Cyanide Ion

flotation at a constant concentration of potassium cyanide and silver-cyanide complex decreases but with constant xanthate concentration the critical potassium cyanide concentration rises proportionally to the square root. The authors conclude that this work provides evidence of the chemical nature of collecting-agent attachment on the silver surface and the suppressive effect of cyanide. Cyanide can be successfully used for the comparative evaluation of the chemical activity of strong collecting agents.

There are 8 figures, 1 table and 10 references, 7 of which are Soviet and 3 English.

ASSOCIATION: Ural'skiy politekhnicheskii institut. Kafedra metallurgii blagorodnykh metallov (Ural Polytechnic Institute. Chair of the Metallurgy of Noble Metals)

SUBMITTED: April 10, 1958

Card 4/4

BARBER, M. B.: Master Tech Sci (diss) -- "A study of the depressing effect of cyanide ion". Sverdlovsk, 1959. 13 pp (Min Higher Educ USSR, Ural Polytech Inst im S. M. Kirov), 150 copies (KL, No 11, 1959, 113)

BARBIN, M.B., inzh.; KAKOVSKIY, I.A., prof.

Studying the depressing effect of cyanide ions. Izv.vys.ucheb.
zav.; gor.zhur. no.1:148-156 '59. (MIRA 13:1)

1. Ural'skiy politekhnicheskiy institut. Rekomendovana kafedroy
metallurgii blagorodnykh metallov.
(Flotation--Equipment and supplies)
(X rays--Industrial applications)

BARBIN, M.B.; KAKOVSKIY, I.A.

Studying the depressant effect of cyanide ions by the "zero"
and radiochemical methods. Izv.vys.ucheb.zav.; tsvet.mat. 2
no.4:36-43 '59. (MIRA 13:1)

1. Ural'skiy politekhnicheskiy institut. Kafedra metallurgii
blagorodnykh metallov.

(Flotation--Equipment and supplies)
(Radiochemistry--Industrial applications)

BARBIN, M.B., inzh.; KAKOVSKIY, I.A., prof.

Studying the floatability of mercury by measurement of contact angles and radioactive indicators. Izv.vys.ucheb.zav.; gor. zhur. no.4:130-138 '59. (MIRA 13:5)

1. Ural'skiy politekhnicheskii institut imeni S.M.Kirova.
Rekomendovana kafedroy blagorodnykh metallov.
(Mercury) (Flotation)

BARBIN, M.B., inzh.

Studying the interaction of flotation reagents and a silver
plate surface by means of radioactive indicators. Trudy
Ural.politekh.inst. no.75:233-242 '59. (MIRA 13:4)
(Flotation--Equipment and supplies)
(Radioisotopes--Industrial applications)

BARBIN, M.B., inzh.

Studying the floatability of copper by the "zero" method and by means of radioactive tracers. Izv. vys. ucheb. zav.; gor. zhur. no. 6: 139-142 '60. (MIRA 14:5)

1. Ural'skiy politekhnicheskiy institut imeni S.M. Kirova. Rekomendovana kafedroy blagorodnykh metallov. (Copper ores) (Flotation)

GOLOVIN, A.A.; KARASEV, K.A.; SOKOLOVA, L.D.; BARBIN, M.B.

Extraction of sulfides from gold-bearing ores. Trudy Ural
politekh. inst. no.98:139-144 '60. (MIRA 14:3)
(Gold--Metallurgy) (Sulfides)

BARBIN, M.B.

Study of the interaction of xanthates with silver plate surfaces by means of electronography. Trudy Ural. politekh. inst. no.98:145-150
'60. (MIRA 14:3)

(Silver) (Surface chemistry)

(Electron diffraction examination)

BARBIN, M.B., inzh.

Studying the floatability of lead and galenite by the "zero" method
and by flotation. Trudy Ural. politekh.inst. no.91:132-147 '60.
(HMA 14:2)

(Lead--Testing) (Galenite--Testing)
(Flotation)

BARBIN, M.B.; ARASHKEVICH, V.M.

Some features in the study of the thermodynamic regularities of the flotation process. Izv.vys.ucheb.zav.; gor.zhur. no.3:149-151 '61. (MIRA 15:4)

1. Rekomendovana kafedroy obogashcheniya poleznykh iskopayemykh Sverdlovskogo gornogo instituta. 2. Ural'skiy politekhnicheskiy institut imeni S.M.Virova (for Barbin). 3. Sverdlovskiy gornyy institut imeni V.V.Vakhrusheva (for Arashkevich).
(Flotation)

BARBIN, M. B., kand. tekhn. nauk

Studying the reactions of the interaction of flotation reagents
with silver. Izv. vys. ucheb. zav.; gor. zhur. no.9:173-178
'61. (MIRA 15:10)

1. Ural'skiy politekhnicheskii institut imeni S. M. Kirova.
Rekomendovana kafedroy protsessov i apparatov khimicheskikh
proizvodstv.

(Flotation) (Silver)

BARBIN, M.B.

Studying the depressant action of cyanide in the flotation of chalco-
pyrite. Sbor. nauch. trud. Ural. politekh. inst. no.134:5-8 1963.

(MIRA 17:1)

BARBIN, M.B.

Effect of flotation reagents on the dissolving of gold and silver by cyanidation. Sbor. nauch. trud. Ural. politekh. inst. no. 134:101-102 '63. (MIRA 17:1)

M. N. L., M. P., not sent

Effect of the addition of the mixing of surface active substances (turpentine) with quartz on speed of filtration. Izv. vuzov khimicheskoy; gos. khim. 6 no. 17 204-211 1-3. (1.14.1974).

1. Khimicheskoy politekhnicheskoy institut imeni S.M. Zhukova.
Leningradskaya filial'nyy professor i apparatov khimicheskoy tekhnologii.

BARBIN, M.B., kand. tekhn. nauk

Effect of the time of mixing hydrophobic additives with
iron concentrates on filtration. Gor. zhur. no.10:70
0 '63. (MIRA 16:11)

1. Ural'skiy politekhnicheskii institut, Sverdlovsk.

BARBIN, M.B., dotsent

Effect of the concentrations of a water-repellent additive
(turpentine) on the filtration of quartz suspensions. Izv.
vys.ucheb. zav.;gor. zhur. 7 no.3:179-182 '64

(MIRA 17:8)

1. Ural'skiy politekhnicheskii institut imeni Kirova. Rekomen-
dovana kafedroy protsessov i apparatov khimicheskoy tekhnologii.

KOLBET, M.M.; PIVKIN, N.N.
Nauka, Moscow, 1977.

Effect of the hydrophobicity imparted to the surface of quartz by the
filtration of quartz. izv. vuz. khim. ser.: Khim. fiz. khim. tekhn.
1977, 1: 55-57, 102. (UDC 661.42)

I. A. Kura professor i spetsial'nyy Khimicheskii fakul'tet
Inzhin. im. S.M. Kirova.

BARBIN, M.B., kand. tekhn. nauk

Concentration of hydrophobic addition to iron concentrates from
wet magnetic separation, and its effect on filtration. Ger. zhur.
no.9:68 S '65. (MIRA 15:0)

1. Ural'skiy politekhnicheskiy institut, Sverdlovsk.

BARBINIM, Y. M.
C 20

PROCESSED AND REPRODUCED IN U.S.S.R.

The basis of Theory of Strength and Plasticity (original text in Russian), E. M. Barbinim and I. A. Tshubakov; Bul. Academy Sc. (USSR) Oct '49 (10 Mithly); pp 1433-1455; 11 illus, 14 eq.

An introduction should be made into the basis of the modern theory of strength and plasticity about the double nature of the highest stresses (normal σ and tangential τ max, affecting each point of the body in deformation) and about the double character of the material resistance (resistance to breaking under the effect of normal stresses and resistance to shearing stresses under the effect of tangential stresses). The tensile strength of materials is characterized by their ability to resist such shearing stresses which take place in the stages of plastic deformation of a breaking specimen. Investigations show that this strength appears to be constant and does not depend upon the stressed condition. The above described conditions of strength and plasticity and their unique nature and a newly introduced strength criteria enables the determination

of (1) the uncommon characteristics of the all-round nonuniform compression, (2) the establishment of new criteria for brittleness and plasticity, (3) the development of a theory determining the load capacity of metals and their capacity to withstand the effect of stress concentrations, (4) the reason for considerable increase in tensile strength of the species of plastic metals, and (5) the explanation of certain problems of tensile strength encountered during alternate loads (fatigue), etc.

ASR 22.4 METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

BARBINOV, A.N.

Useful improvements in the remote control systems for electric power supply. Elek. i tepl.tiaga no.7:14-15 J1 '63. (MIRA 16:9)

1. Starchiy elektromekhanik Ilanskogo uchastka energosnabzheniya Vostochno-Sibirskoy dorogi.
(Remote control) (Electric railroads--Substations)

BAR-BIRYUKOV, O., kapitan 3 ranga

Work in military science in the fleet rear. Tyl i snab. Sov.
Voer. Sil 21 no.10:20-22 O '61. (MIRA 15:1)
(Russia--Navy)

BARBIT, Ye. Ye.

"The Work of the Surgical Medical Nurse in Polyclinics,"
Med., Sestra No. 1, 1949 Surgical Med Nurse, Polyclinic No. 13
im. Mossovet, Kominternávk Rayon, Moscow,

BARBITSKIY, N.A., kandidat meditsinskikh nauk

Result of streptomycin therapy of toxic dyspepsia and dysentery in children. *Pediatrics* no.5:90-91 S=O 54. (MLRA 7:12)

1. Iz Detskoy infektsionnoy bol'nitsy (glavnyy vrach M.M.Reyzina)
i Detskogo otdeleniya meditsinskogo ob'yedineniya Novogo goroda
(glavnyy vrach B.N.Yatsuba)

(INFANT NUTRITION DISORDERS,

toxicosis, ther., streptomycin)

(DYSENTERY, BACILLARY, in infant and child,

ther., streptomycin)

(STREPTOMYCIN, therapeutic use,

dysentery, bacillary, & toxicosis in inf.)

BARBOI, M.; CALIN, N.; COCIU, M.

The effect of simple and progressive wages on the unit cost of driving drifts in mines.

p. 45
Vol. 7, no. 1, Jan. 1956
REVISTA MINELOR
Bucuresti

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 12
December 1956

BARBOLIN, A.M., professor (Dnepropetrovsk)

Anniversary of D.I. Popov. Fel'd. i akush. no. 12:51-52 D '54.

(POPOV, DIMITRII IVANOVICH)

(MLRA 8:2)

TYMINSKIY, Petr Antonovich, inzh.; VILENSKIY, Vladimir Kharitonovich,
inzh.; GORCHILIN, Viktor Vasil'yevich, inzh.; CHERNYSHOV,
Pavel Nikolayevich, inzh.; BARBOLIN, V.A., inzh., red.;
BOBROVA, Ye.N., tekhn.red.

[Inspection of parts and assemblies in the repair of railroad
cars] Proverka detalei i uzlov pri remonte vagonov. Moskva,
Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshchenia,
1960. 282 p. (MIRA 14:4)
(Railroads--Cars--Maintenance and repair)

BARBOLIN, V.A. (Kaluga); REMIZOV, Ye.D. (Kaluga)

Production without defects. Zhel. dor. transp. 47 no.7:59-62 J1 '65.
(MIRA 18:7)

1. Nachal'nik sluzhby vagonnogo khozyaystva Moskovskoy dorogi (for
Barbolin). 2. Zamestitel' nachal'nika vagonnogo depo stantsii Kaluga
(for Remizov).

BARBOLIN, V.I. (Moskva)

Studies on the fragility of the vascular wall in irradiated dogs
using a modified cup test. Biul.eksp.biol i med. 48 no.9:127-129
S '59. (MIRA 13:1)

1. Predstavlena deystvitel'nyy chlenom AMN SSSR V.N. Chernigovskim.
(BLOOD VESSELS radiation eff.)

BARBOLIN, V.I., podpolkovnik meditsinskoy sluzhby

Use of sulfanilamides and antibiotics in acute radiation
sickness. Voen. - med. zhur. no.1:50-53 '53.
(MIRA 17:8)

RUMANIA

TOMESCU, V., Lect, Dr, BALASIU, P., Dr, MUNTEANU, Ruxandra, Dr, BARBONTA, P., Veterinarian, and MANOLESCU, Alexandrina, of the Faculty of Veterinary Medicine (Facultatea de Medicina Veterinara) Timisoara.

"On Diseases Transmissible Through Water and Notes on the Sanitation of Water Sources Intended for Animals in Several Units in Banat and Crisana Regiunes."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 16, No 4, Apr 66, pp 38-46.

Abstract: After stressing the importance of potable water sources to prevent the transmission of an number of diseases and reviewing the Rumanian standards for water purification, the authors briefly describe the types of installations used for water purification in the state farms of Banat and Crisana Regiune. Some specific installations, either operating or in the planning stage, are also described.

Includes 3 figures and 12 references, of which 3 German, one French and 8 Rumanian.

BARBORAK, Ferdinand

Action plan of the Bratislava Ivanka Airport and its performance. Latecky obzor 7 no.12:570 D'63.

ZAPLETALSKY, M.; MRNA, B.; BARBORAKOVA, E.

Mental disorders as the initial symptom of organic disease.
Cesk. psychiat. 60 no.5:332-336 O '64.

1. Psychiatricka klinika lekarske fakulty Palackeho University,
Olomouc.

Psychiatry

5

CZECHOSLOVAKIA

ZAPLETALEK, M.; STRNAD, M.; KOMENDA, S.; VACKOVA, M.; BARBORAKOVA, E.; STEPANOVA, M.; HRBEK, Jan; BERAN, J.; SIROKA, A.; Psychiatric Clinic, Palacky University, Olomouc; Psychiatric Hospital, Sternberk. [Original version not given].

"Alimenazine, Chlordiazepoxide, Meprobamate, and Placebo in Anxious Depression Therapy."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, pp 437 - 438

Abstract: Effect of the compounds mentioned in the treatment of 24 patients suffering from neuroses is described. The results were evaluated on the basis of the Knobloch AD questionnaire. The score of complaints before any treatment was 1385, after administration of a placebo 1104, with alimenazine 853, with chlordiazepoxide 812, and with meprobamate 779. 1 Table, 12 Western, 6 Czech, 1 Japanese reference. Submitted at the 8th Annual Psychopharmacological Meeting at Jesenik, 18 - 22 Jan 66. Article is in English.

1/1

CZECHOSLOVAKIA

M. ZAPLETALSK, D. VOZORSKA, E. BARDORAKOVA and S. KOMENDA, Psychiatry Clinic of Medical Faculty of Palacky University, and Institute of Medical Physics (Ustav lekarske fyziky) Medical Faculty Palacky University, Olomouc.

"Effect of Phenmetrazine and Methylphenidate on the 'Neurotic Exhaustion Syndrome'."

Prague, *Activitas Nervosa Superior*, Vol 5, No 2, May 63; pp 221-223.

Abstract : Study of performance on simple intellectual task of 24 neurotic patients: 50 mg. phenmetrazine was significantly superior to either 20 mg. methylphenidate or placebo in every respect. The second drug was slightly superior to placebo but not to statistical significance. Table; 8 Western and 8 Czech references.

1/1

BARBORIK, M.
EXCERPTA MEDICA Sec.2 Vol.9/8 Physiology, etc. Aug 56

3801. BARBORÍK M. and WIEDERMANN M. 1. vnit⁵. Klin. PU, Olomouc. *Pokus
o sebevraždu Rámifonem. Attempted suicide with isoniazid
VNITR. LÉK. 1955, 1/10 (760-765)

A young man took a large amount (3-10 g.) of isoniazid. In hospital a series of 14 epileptiform seizures occurred, the blood pressure rose to 150-170 mm. Hg and the heart rate to 152/min. and tachypnoea, transient albuminuria and leucocytosis were observed. The blood level of isoniazid was 10 times higher than in patients taking therapeutic doses. After disappearance of the acute toxic manifestations a picture of schizophrenic hallucinatory paranoid psychosis developed, and lasted for 3 months.

Zadina - Prague (II, 15)

EXTRACTA MEDICA Sec 6 Vol 13/7 Internal Med. July 50

3448. FOLLOW-UP OF 956 PATIENTS AFTER INFECTIOUS HEPATITIS -
Sledování 956 nemocných po infekční žloutence - Barbořík M. and
Viktorin J. I. Vnitřní Klín. PU, Olomouc. - VNITŘNÍ LÉK. 1958,
4/10 (936-944) Graphs 2 Tables 6

The most lasting complaints were digestive ones. Hepatomegaly lasted longer than half a year in 39% of the patients; liver function-tests remained positive for half a year in 41% and for 1 yr. in 26%. In women in the 3rd and 5th decades of life, the tests more often remained positive after a year than in men in the same decades. There was greater danger of the acute passing to the chronic form of infectious hepatitis in patients with a more serious and longer-lasting acute course of the disease. Disorders in menstruation were found in 20%; diseases of the gallbladder and biliary ducts in 13%; and recurrences in 4%. Chronic hepatitis developed in about 12%; liver biopsy is a very important method for early diagnosis of chronic hepatitis.

(L, 5)

HANSLIAN, L.; BARBORIK, M.

On the problem of work hazard in silage. Pracovni lek.11 no.9:
472-474 N '59.

1. Krajska hygienicko-epidemiologicka stanice v Olomouci, reditel
MUDr. RNDr. Vaclav Burian. I.interni klinika Palackeho university
v Olomouci, prednosta prof. MUDr. Pavel Luki
(OCCUPATIONAL DISEASES)
(CARBON DIOXIDE toxicol.)
(NITROGEN toxicol.)

NAVRATIL, J.; BARBORIK, M.; HANSLIAN, L.

Lesions of the upper respiratory tract caused by fluorine during the production of superphosphate. Cesk. otolar. 9 no.4:199-201 Ag '60.

1. Otorinolaryngologická klinika PU v Olomouci; Ordinariat nemoci z povolání při I. interní klinice PU v Olomouci; Krajská hygienicko-epidemiologická stanice v Olomouci.

(RESPIRATORY SYSTEM dis.)

(OCCUPATIONAL DISEASES)

(FLUORINE toxicol.)

BARBORIK, M.

SURNAME (in caps); Given Names

Country: Czechoslovakia

Academic Degrees: [not given]

Affiliation: Internal Clinic I of the Medical Faculty, UP [abbreviation not identified] (I Interni klinika lekarske fakulty UP), Olomouc;

Source: Chief (Prednosta): Prof Dr P Lukl
Prague, Fysiatricky Vestnik, Vol XXXIX, No 4, August 1961,
pp 200-206

Data: "The Relation of Arthritic Changes and Pneumoconiosis."

Authors:

VYKDAL, M

NOVOTNY, Z

BARBORIK, M

BARBOŠIK, M.; HANSLIAN, L.; NAVRATIL, J.; KRC, C.; Techn. spoluprace
PLEICHINGEROVA, O.

Survey of health conditions among workers employed in the production
of superphosphates. Prac. lek. 14 no.2:75-81 Mr '62.

1. I interni klinika UP v Olomouci, prednosta prof. MUDr. P. Lukl --
ordinariat pro choroby z povolani Krajska hygienicko-epidemiologicke
stanice Ostrava, pracoviste Olomouc, odbor hygieny prace, vedouci MUDr.
P. Pachner Otorinolaryngologicka klinika UP v Olomouci, prednosta doc.
MUDr. J. Chvojka Ustredni rtg ustav FN v Olomouci, prednosta MUDr.
J. Doubravsky.

7

(PHOSPHATES toxicol) (OCCUPATIONAL DISEASES etiol)
(DUST)

KADLEC, K.; HANSLIAN, L.; BARBORTK, M.

Occupational pulmonary carcinoma caused by working with tar oils.
Pracovní lek. 14 no.4:170-175 My '62.

1. Dermatologická klinika Palackého university v Olomouci, prednosta
prof. MUDr. G. Lejhanec Odbor hygieny prace KHES Ostrava, pracoviste
Olomouc, prednosta MUDr. P. Pachner I. interni klinika Palackého
university v Olomouci, prednosta prof. MUDr. P. Lukl.
(TARS toxicol) (SKIN NEOPLASMS etiol)
(OCCUPATIONAL DISEASES etiol)

HANSLIAN, L.; BARBORIK, M.

The problem of formation of nitrous gases in silos. Prac. lek. 14
no.6:277-284 Ag '62.

1. Krajska hygienicko-epidemiologicka stanice Olomouc, reditel MUDr. J. Verner I. interní lékařská fakulta v Olomouci, prednosta prof. MUDr. P. Lukš
(NITROGEN) (GASES)

CZECHOSLOVAKIA

HABŠMAN, G., Dr; HADJEC, K., Dr; and JANROSEK, M., Dr
[affiliation not given].

"Chromium"

Prague, Průmysl a Zdraví. Vol XV, No 4, May 63, Supplement
Průmysl, pp 7-10.

Abstract: General information on chromium: characteristic
properties, permissible concentration of chromium in a working
atmosphere, technical uses of chromium and its compounds,
protection of workers, detection of chromium, toxicology,
biological tests, and medical examinations. Twenty references,
including 7 Czech and 1 Russian.

- END -

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[CSO: 2000-X

14

CZECHOSLOVAKIA WDC 616.233/.24-002.228 Aspergillus fumigatus-057

FILIP, Bohumil; BARBORIK, Metoděj; 1st Internal Clinic, Medical Faculty, Palacky University (I. Interní Klinika Lékařské Fakulty PU), Olomouc, Head (Prednosta) Prof Dr P. LUKL; Institute of Occupational Diseases (Ordinariat Nemoci z Povolani) Head (Vedouci) Dr M. BARBORIK.

"Bronchopulmonary Aspergillosis."

Prague, Pracovní Lékařství, Vol 18, No 6 - 7, Aug 66, pp 308-310

Abstract [Authors' English summary modified]: A mass outbreak of bronchopulmonary aspergillosis was observed in 18 employees of a barley malt producing plant; the cause was organic dust containing *Aspergillus fumigatus*. Clinical manifestation of the disease were fever, cough, and allergic symptoms in the bronchial symptomatology. Pathological X-ray findings of the lungs were present in 7 patients in localized or diffuse form. 20 Western, 4 Czech references. (Manuscript received 1 Feb 65).

1/1

BARBORKA, Jiri

Fluid drying of glass sands. Sklar a keramik 13 no. 12:
329-331 D '63.

1. Borske sklo, n.p., Novy Bor.

BARFORSKY, A.

Circuit breakers of 110 k. in restricted premises. p. 134.

(TEHNIKA. Vol. 12, No. 8, 1957, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

BARBO, A.P.

Physicochemical properties of water in the Kara-Chumysh Reservoir.
Trudy TSSBS no.8:108-114 '64. (MIRA 18:7)

BARBOT, S.I., mladshiy nauchno sotrudnik.

Obtaining edible acetic by continuous rectification. Gidreliz. 1 lesokhim.
prom. 9 no.2:24 '56. (MIRA 9:7)

1.TSentral'nyy nauchno-issledovatel'skiy lesokhimicheskiy institut.
(Acetic acid)

BARBOT, S.I.

Recovery of resinous matters from tar-impregnated wood by
the spray extraction method. Gidroliz.i lesokhim.prom. 13
no.3:9-11 '60. (MIRA 13:7)

1. Tsentral'nyy nauchno-issledovatel'skiy lesokhimicheskiy
institut.
(Gums and resins) (Extraction(Chemistry))

BARBOT, V.I.

New design of gradual dies for multiple stamping of rectangular
parts. Kuz.-shtan.proizv. 1 no.1:41-42 Ja '59.

(MIRA 12:10)

(Dies (Metalworking))

BARBOT, Vyacheslav Il'ich, inzh.; KORNEYEV, S.G., red.; POPOV, V.N.,
tekh.n.red.

[Mechanization of cold stamping operations] Mekhanizatsiia
kholodnoshtampovchrykh rabot. Tambov, Tambovskoe knizhnoe
izd-vo, 1960. 15 p. (MIRA 15:5)
(Sheet-Metal work)

BOCHKAREV, V.P., kand. geol.-miner. nauk; NIKITINA, L.G., kand. geol.-miner. nauk; SHAPIRO, S.M., kand. geol.-miner. nauk; EYDIKOVA, N.M., st. inzh.; GOLOBORODKO, G.L., inzh.; PERLIK, G.P., inzh.; BANDALETOV, S.M., kand. geol.-miner. nauk; VLADIMIROV, N.M., kand. geol.-miner. nauk; SADYKOV, A.M., kand. geol.-miner. nauk; MALYSHEV, Ye.G., ml. nauchn. sotr.; BENKALIYEV, N.A., st. inzh.; EYPIKOV, Yu.I., st. inzh.; MUKHAMEDZHANOV, S.M., kand. geol.-miner. nauk; ISABAYEV, T.T., st. inzh.; MOTOV, Yu.A., inzh.; KOLOTILIN, N.F., kand. geol.-miner. nauk; LAFIDUS, Zh.D., inzh.; SHOYMANOVA, M.M., inzh.; YAREMCHUK, G.S., inzh.; BAKHIT-DOLMARNI, A.V., kand. miner. nauk [deceased]; MIKHAYLOV, B.P., st. inzh.; SATPAYEV, K.I., akademik, glav. red. [deceased]; MEEYEV, G.TS., otv. red.; DMITROVSKIY, V.I., red.; SEMENOV, I.S., red.; BRAILOVSKAYA, M.Ya., red.; KORO LEVA, N.M., red.

[Irtysh-Karaganda Canal; engineering geological conditions]
Kanal Irtysh - Karaganda; inzhenerno-geologicheskie uslovia.
Alma-Ata, Nauka, 1965. 169 p. (MIRA 18:5)

(Continued on next card)

BARBOV, T.

Nature and significance of organizational technical measures for fulfillment of the production plan.

P. 11, (Transportno Delo), Vol. 9, no. 5, 1957, Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957